DNA 141

Cost-effective, Compact Desktop for Cybersecurity and uCPE Applications, w/ Intel Atom® x7203C Processor and 4 x 2.5GbE Copper Ports

Main Features

- Intel Atom® x7203C (Amston Lake) processor, 2 cores, 9W
- 1 x DDR4 3200 SO-DIMM slot, ECC/non-ECC, up to 32 GB
- eMMC 32GB onboard
- 4 x 2.5GbE RJ45 ports
- 1 x Console port (RJ45)
- 1 x M.2 Key B+M 2242 SATA SSD
- 2 x USB 3.2, Type A
- TPM 2.0 onboard
- Fanless design

Product Overview

The DNA 141 is a compact yet robust networking appliance, featuring the latest generation of Intel Atom® processors (codenamed Amston Lake). It is equipped with four 2.5GbE LAN ports and an internal M.2 slot for SATA SSD storage, condensed in a space-saving desktop form factor ideal for deployment in small offices, retail environments, or any space where larger devices cannot be accommodated. The DNA 141 can function as a uCPE for a variety of SD-WAN applications, such as serving as a gateway with firewall capabilities for branch offices or as a router for network segment deployments within an office setting. Its cost-performance ratio makes it an attractive option for organizations looking to maximize their networking capabilities without exceeding their budget.

Specifications

Main Board

- Intel Atom® x7203C CPU, 2 cores, 9W
- eMMC 32GB onboard
- TPM 2.0 onboard

Main Memory

- 1 x DDR4 3200 SO-DIMM slot, ECC/non-ECC, up to 32 GB

Storage Device

- eMMC 32GB onboard
- 1 x M.2 Key B+M 2242 SATA SSD

Interface External

- Button: Power/Reset
- LED: LAN/MGMT/SYS/SSD/PWR
- 2 x USB 3.2 ports, Type A
- 1 x Console port (RJ45)
- 4 x 2.5GbE RJ45 ports

Interface Internal

- 1 x M.2 Key B+M 2242 SATA SSD

Power

- 1 x 36W 12V DC-in power adapter

Dimensions and Weight

- Chassis dimension: 165 x 134.5 x 34 mm
- Carton dimension: 191 x 181 x 129 mm
- Without packing: 0.715 kg
- With packing:1.37 kg

Environment

- Operating temperature: 0°C~40°C
- Storage temperature: -20°C~80°C
- Relative humidity: 10%~90% non-condensing

Certifications

- CE/FCC Class B

Ordering Information

- **DNA 141 (P/N: 10L00014100X0)**
  Intel Atom® x7203C processor, 2 cores, 4 x 2.5GbE RJ45 ports, fanless, 1 x 36W 12V DC-in power adapter

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